

## **614 WATERING FACILITY**

### **DESIGN AND CHECK DATA REQUIREMENTS**

The following items must be addressed in the design folder for the Watering Facility where applicable:

#### **Design Data**

The following is a list of minimum required design data:

1. Documented compliance with Pennsylvania One Call
2. Plan view map showing; location of all planned practices and components for the entire watering facility system.
3. Slope of all pipelines.
4. Difference in elevation between the inlet in the collection / spring box or reservoir to the overflow in the nearest trough.
5. Difference in elevation between troughs in series.
6. Type and dimensions of troughs.
7. Method of stabilizing the area around the watering facility
8. System capacity calculations
9. Quantity calculations and a cost estimate.
10. O&M Plan.

#### **Construction Check Data**

Verify and document the following where applicable:

1. Trough foundation preparation and conditions.
2. Type of troughs and tanks
3. Installation of material to stabilize the areas around the troughs.